Matrix ICR50

IX Display & LCD Console Guide

IX Display   **LCD Console**

IX Display

The high-definition, 22-inch IX Display completes the immersive experience when you mirror your smartphone, tablet, or digital media player to stream live and on-demand classes, virtual courses, or your favorite entertainment.

Important: *This is NOT a console. This is simply a monitor to mirror a device.*
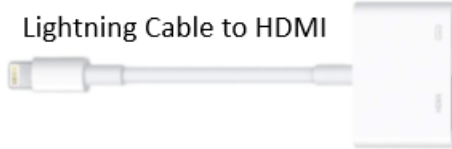
Connecting a Device
Connect an HDMI-to-HDMI cable to the display (not included). Then, use a HDMI to USB-C or Lightning cable (cables not included) to connect a device to the open end of the HDMI cable to mirror your device on the 22" LED screen.

Ref	Connection
A	Power cable
B	VGA cable
C	HDMI cable

Display Controls

The controls are located on the back of the display.

Ref	Connection
A	Auto
B	Menu
C	Volume up
D	Volume down
E	Power

Using Zwift

You can download Zwift on your device and mirror it on the display.

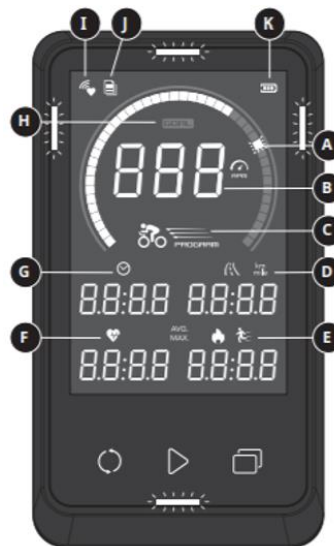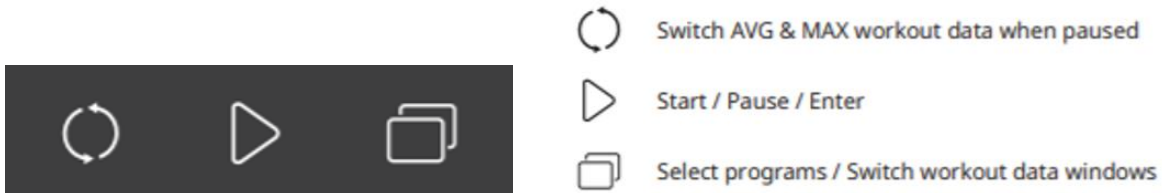Setup video: https://youtu.be/0VbuIGR_w5Q

Cleaning the Display

Use a micro-fiber cloth and LCD screen cleaner to clean your display as needed. If you do not have a screen cleaner, use a damp (with water) micro-fiber cloth instead.

LCD Console

The LCD console can be purchased and used with the ICR50 cycle. An RF sensor that comes with the console will need to be installed in the frame.

Console Overview

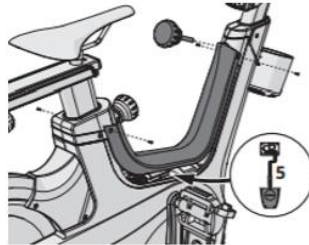Use the console buttons to navigate through the console.

◯ Switch AVG & MAX workout data when paused

▷ Start / Pause / Enter

❒ Select programs / Switch workout data windows

A. WORKOUT TRACK
- Solid = In-progress RPM workout
- Blinking = Goal to achieve (Program 2 only)

B. TARGET / RPM
- Program 1: Resistance target level
- Program 2: Current RPM
- Program 3: HR target

C. WORKOUT PROGRAMS
- Select by pressing at standby page

D. DISTANCE

E. CALORIES / SPEED
- Press to switch

F. HEART RATE

G. WORKOUT TIME

H. GOAL ACHIEVEMENT
- Light will illuminate once goal is achieved

I. WIRELESS HEART RATE CONNECTION

J. WORKOUT DATA
- To see AVG & MAX workout data, press: to pause to switch calories / speed to switch AVG / MAX

K. BATTERY
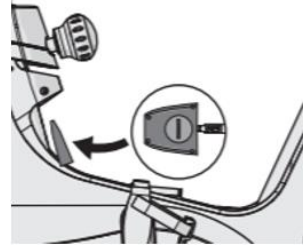- Indicates 100% or less, 70% or less, 40% or less, and 10% or less

Console Setup

1. Install the console bracket onto the handlebar, then slide the foam sheet between the handlebar and console bracket.
2. Install 4 AA batteries into the console.
3. Attach the console to the console bracket using 2 screws.
4. Remove the 4 screws and the handlebar adjustment knob from the frame, then remove the plastic cover.
5. Plug the unused wire into the RF Sensor.
6. Using the Velcro, mount the RF Sensor to the Main Frame.
7. Reinstall the plastic cover and handlebar adjustment knob.

Steps 1-3 **Steps 4-5** **Steps 6-7**

Battery Replacement

Install the RF SENSOR CR2032 battery with the positive side up. Replace the battery when ⚠ is flashing on the console.

Machine Settings

You may adjust settings to customize the console.

Press and hold ▷ and ▱ for 3 to 5 seconds to enter Machine Settings. The console will display "SET" when ready.

Model Selection	**Brightness Setting**	**Unit Setting**
1. Press ▱ once to enter the Model Selection page.	1. Press ▱ twice to enter the BL page.	1. Press ▱ three times to enter the Unit page.
2. Press ↻ to select the frame model.	2. Press ↻ to adjust the brightness	2. Press ↻ to scroll to Miles or KM.
3. Press ▷ to select and set the frame model.	3. Press ▷ to set the selected brightness.	3. With your selection shown, press ▷ to save and set.

Cleaning the Console

Use a micro-fiber cloth and LCD screen cleaner to clean the console screen as needed. If you do not have a screen cleaner, use a damp (with water) micro-fiber cloth instead.

Useful Resources

At the link destination below, you will find information on **product registration**, **warranties**, **FAQs**, **troubleshooting**, **setup/connectivity videos**, and available **software updates** for consoles.

Matrix Fitness - https://www.matrixfitness.com/us/eng/home/support

Customer Technical Support *– Please refer to your Owner's Manual for warranty terms*

Warranty Product

Brand	Phone	Email
Matrix	800-335-4348	info@johnsonfit.com

Out-of-Warranty Product

Brand	Phone	Email
Matrix & Vision	888-993-3199	visionparts@johnsonfit.com